

## Contents

Bal, A. K., Hameed, S., Jayaram, S., Ultrastructural characteristics of the host-symbiont interface in nitrogen-fixing peanut nodules . . . . .	19	Marinova, E. I., s. Koleva, S. T.	
Mathews, Anne, Carroll, B. J., Gresshoff, P. M., Development of <i>Bradyrhizobium</i> infections in a supernodulating and non-nodulating mutants of soybean ( <i>Glycine max</i> [L.] Merrill) . . . . .	40	Mathews, Anne, Carroll, B. J., Gresshoff, P. M., Development of <i>Bradyrhizobium</i> infections in a supernodulating and non-nodulating mutants of soybean ( <i>Glycine max</i> [L.] Merrill) . . . . .	40
Balusek, K., s. Robinson, D. G.		Menzel, D., Elsner-Menzel, Christine, Actin-based chloroplast rearrangements in the cortex of the giant coenocytic green alga <i>Caulerpa</i> . . . . .	1
Beever, L., s. Harley, Suzanne M.		Mivechi, Nahid F., s. Hofer, K. G.	
Carroll, B. J., s. Mathews, Anne		Newcomb, E. H., Kaneko, Y., VandenBosch, K. A., Specialization of the inner cortex for ureide production in soybean root nodules . . . . .	150
Cepák, V., s. Zachleder, V.		Oross, J. W., Possingham, J. V., Ultrastructural features of the constricted region of dividing plastids . . . . .	131
Collin, H. A., s. Lynch, P. T.		Palevitz, B. A., Cresti, M., Cytoskeletal changes during generative cell division and sperm formation in <i>Tradescantia virginiana</i> . . . . .	54
Cresti, M., s. Palevitz, B. A.		Pate, J. S., s. Kuo, J.	
Cutler, A. J., s. Wang, H.		Possingham, J. V., s. Oross, J. W.	
Davidson, N. J., s. Kuo, J.		Robinson, D. G., Balusek, K., Freudent, H., Legumin antibodies recognize polypeptides in coated vesicles isolated from developing pea cotyledons . . . . .	79
Dimitrov, B. D., s. Koleva, S. T.		Saleem, M., s. Wang, H.	
Elsner-Menzel, Christine, s. Menzel, D.		Semenenko, V. E., s. Zachleder, V.	
Fowke, L. C., s. Wang, H.		Shapizugov, J. M., s. Zachleder, V.	
Freudent, H., s. Robinson, D. G.		Slay, R. M., Grimes, H. D., Hodges, T. K., Plasma membrane proteins associated with undifferentiated and embryonic <i>Daucus carota</i> tissue . . . . .	139
Gresshoff, P. M., s. Mathews, Anne		Taura, T., s. Katoh, K.	
Grimes, H. D., s. Slay, R. M.		Tourishcheva, M. S., s. Koleva, S. T.	
Hameed, S., s. Bal, A. K.		VandenBosch, K. A., s. Newcomb, E. H.	
Harley, Suzanne M., Beever, L., Isolation and partial characterization of clathrin-coated vesicles from pea ( <i>Pisum sativum</i> L.) cotyledons . . . . .	103	Wang, H., Cutler, A. J., Saleem, M., Fowke, L. C., Microtubules in maize leaf protoplasts in relation to donor tissue and in vitro culture . . . . .	48
Hodges, T. K., s. Slay, R. M.		— — Fowke, L. C., Preprophase bands in cultured multinucleate soybean protoplasts . . . . .	110
Hofer, K. G., Mivechi, Nahid F., Hofer, Maria G., Effect of membrane and cytoskeleton modification on the heat response of BP-8 murine sarcoma cells . . . . .	117	Zachleder, V., Kuptsova, E. S., Los, D. A., Cepák, V., Kubin, Š., Shapizugov, J. M., Semenenko, V. E., Division of chloroplast nucleoids and replication of chloroplast DNA during the cell cycle of <i>Dunaliella salina</i> grown under blue and red light . . . . .	160
Hofer, Maria G., s. Hofer, K. G.			
Isaac, Susan, s. Lynch, P. T.		<i>Rapid Communications</i>	
Ishikawa, H., s. Katoh, K.		Lancelle, S. A., Hepler, P. K., Immunogold labelling of actin on sections of freeze-substituted plant cells . . . . .	72
Jayaram, S., s. Bal, A. K.		Pierson, Elisabeth S., Kengen, H. M. P., Derkens, J., Microtubules and actin filaments co-localize in pollen tubes of <i>Nicotiana tabacum</i> L. and <i>Lilium longiflorum</i> Thunb. . . . .	75
Kaneko, Y., s. Newcomb, E. H.			
Katoh, K., Ishikawa, H., The cytoskeletal involvement in cellularization of the <i>Drosophila melanogaster</i> embryo . . . . .	83		
Katou, K., Taura, T., Mechanism of pressure-induced water flow across plant roots . . . . .	124		
Koleva, S. T., Marinova, E. I., Dimitrov, B. D., Tourishcheva, M. S., Investigation of histone proteins in plant nuclei possessing different ultrastructural organization . . . . .	96		
Kubin, Š., s. Zachleder, V.			
Kuo, J., Pate, J. S., Davidson, N. J., Ultrastructure of the haustorial interface and apoplastic continuum between host and the root hemiparasite <i>Oanax phyllanthi</i> (Labill.) R. Br. ( <i>Olaceaceae</i> ) . . . . .	27		
Kuptsova, E. S., s. Zachleder, V.			
Los, D. A., s. Zachleder, V.			
Lynch, P. T., Isaac, Susan, Collin, H. A., Uptake of protoplasts from the filamentous fungi <i>Aspergillus nidulans</i> and <i>Fusarium oxysporum</i> into protoplasts from celery ( <i>Apium graveolens</i> L.) . . . . .	9		